Cornell University
Hospital for Animals

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Patient ID: 884416
Patient: Sport Royal Calliope
Species: Equine
Sex: Female
Breed: Trakehner
Age: 11 years 2 months 27 days
Weight: 20.0003 Lbs
Color: CHESTNUT
Microchip Number:

Date: 08-10-2020

Owner of Animal:

Textor, Cathie
1031 28th Creek Rd
Kennedy NY 14747

Phone: 716-287-3509

Veterinarian: Dr. Jennine Lection

Clinical Summary for Sport Royal Calliope

Visit Date: 07-03-2020

Presenting Problem

Breeding

History

Sport Royal Calliope, a 11year old Trakehner mare, presented to Cornell University's Theriogenology service on 07-03-2020 for breeding management. The mare has had 3 foals previously, the most recent one of which was born in 2019. This is her first breeding attempt this season. She is up to date with core vaccines as per AAEP guidelines.

Physical Exam

On presentation, Sport Royal Calliope was bright, alert and responsive. Her vital parameters were within normal limits. General physical examination was otherwise unremarkable. Sport Royal Calliope's cycle was followed via transrectal ultrasound.
0.5cc Estrumate IM was given on 7/12/20 to induce luteolysis. On 7/14/20, the mare had a 39 mm follicle on the left ovary, with grade 3 uterine edema, and ovulation was induced on 7/14/20 with 2500 IU hCG IV. On 7/15/20 the mare was artificially inseminated with cooled shipped semen from Buddenbrock.

Home Instructions

Discharge Date: 08/10/2020

Veterinarian: Dr. Jennine Lection, Yamilka Lago Alvarez, Soon Hon Cheong

On 7/15/2020, Sport Royal Calliope was bred with: cooled shipped semen from Buddenbrock. Semen analysis was as follows:

The total volume was 60 mL. Sperm motility was evaluated to be 60 % total motility/50 % progressive motility. The concentration of sperm was 22.07 million cells per milliliter; with a total sperm number of 1.3 billion cells. Morphological examination revealed 43 % normal sperm, 8 % proximal droplets, 3 % distal droplets, 27 % abnormal heads, 13 % abnormal mid-pieces, 1 % distal mid-piece reflex, 1 % detached heads, and 4 % abnormal tails. Live/dead staining revealed 88 % live and 12 % dead sperm.

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Regression of the dominant follicle was observed, and by Monday the 20th, ovulation was confirmed of another follicle before a semen shipment could be secured. Post breeding treatments included uterine lavage, intrauterine infusion of N-acetylcysteine and administration of oxytocin. Sport Royal Calliope remained bright and alert with a normal appetite, manure production, and vital signs throughout her stay with us. She however did not cycle normally again during her stay with us, and in discussion with her owner, it was suggested to give her a break until next season and to try to breed her again in May, which would be earlier in the season. She was discharged to the care of her owner on 08/10/2020.

Thank you for bringing Sport Royal Calliope to the Equine Park at Cornell University. She is a lovely mare. If you have any questions or concerns, please feel free to contact any of the veterinarians of the Theriogenology service at The Cornell University Hospital for Animals at (607) 253-3100.

Owner Signature

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